

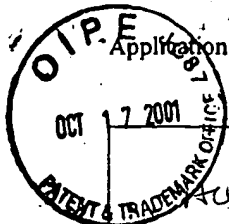
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Atty Docket No. 0112463-003	Application No. 09/874,022
	Applicant Ada Mae Edecker, et al.	
	Filing Date June 5, 2001	Group: 2512

U.S. PATENT DOCUMENTS							
Examiner's Initials		Patent Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)	
AUB	Groove Product Backgrounder (white paper, datasheet and groove brief) written by Groove Networks, Inc. published in 2001.
AUB	Abode Atmosphere (1.0 Browser User Guide) written by Abode Systems Incorporated published in 2001.
AUB	Virtual Worlds Platform 5 - Product Specification written by blaxxum interactive published in 2001.

BEST AVAILABLE COPY



	The Architecture of a Distributed Virtual Worlds System written by Microsoft Corporation published in 2000.
RUB	Dive: A scaleable network architecture for distributed virtual environments written by www.sics.se/emmanuel/publications/dsej/dsej.html published in September 1998 (printed October 11, 2001).
RUB	Distributed Virtual Reality - An Overview written by www.ece.uwaterloo.ca/~broehl/distrib.html published June 1995 (printed October 11, 2001)
RUB	Overview of Activeworlds written by www.activeworlds.com/overview.asp (Activeworlds Corp.) published in 1997-2001 (printed October 11, 2001)
RUB	The 3D Entertainment written by www.worlds.com/3dcd/3dcdtech.html published date unknown (printed October 11, 2001)
Examiner:	Dated Considered: 11/21/04
*Examiner: Initial if citation considered, whether or not citation is in conformance with PEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Atty Docket No. 0112463-003	Application No. 09/874,022
	Applicant Ada Mae Edecker, et al.	
	Filing Date June 5, 2001	Group: 2512

U.S. PATENT DOCUMENTS							
Examiner's Initials	Patent Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate	
AUB	5,889,951	March 30, 1999	Lombardi				
AUB	5,956,038	September 21, 1999	Rekimoto				
AUB	5,999,994	December 7, 1999	Lipkin				
AUB	6,119,147	September 12, 2000	Toomey et al.				
AUB	6,271,843 B1	August 7, 2001	Lection et al.				
AUB	6,386,985 B1	May 14, 2002	Rackham				

RECEIVED
MAR 12 2003
Technology Center 2100

FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)	

Examiner: <i>Amal Q. Borge</i>	Dated Considered: 11/21/04
--------------------------------	----------------------------

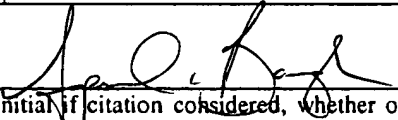
*Examiner: Initial if citation considered, whether or not citation is in conformance with PEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) PTO Form 1449	Atty Docket No. 0112463-003	Application No. 09/874,022
	Applicant Ada Mae Edecker, et al.	
	Filing Date June 5, 2001	Group: 2151

U.S. PATENT DOCUMENTS						
Examiner's Initials	Patent Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
	5,301,284	April 5, 1994	Estes et al.			
	5,362,239	November 8, 1994	Pfuetze			
	5,958,012	September 28, 1999	Battat et al.			
	6,026,376	February 15, 2000	Kenney			
	6,289,380	September 11, 2001	Battat et al.			
	6,377,263	April 23, 2002	Falacara et al.			
	6,381,583	April 30, 2002	Kenney			
	6,476,830	November 5, 2002	Farmer et al.			

FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)	
Examiner: 	Dated Considered: 11/28/04
*Examiner: Initial if citation considered, whether or not citation is in conformance with PEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	ATTY DOCKET NO. 0112463-003	SERIAL NO.
	FILING	GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AUB	5,276,785	01/04/1994	Mackinlay et al.			
AUB	5,767,855	06/16/1998	Bardon, et al.			
AUB	5,808,614	09/15/1998	Nagahara et al.			
AUB	5,821,925	10/13/1998	Carey et al.			
AUB	5,826,266	10/20/1998	Honda			
AUB	5,835,094	11/10/1998	Ermel et al.			
AUB	5,880,733	03/09/1999	Horvitz et al.			
AUB	5,889,951	03/30/1999	Lombardi			
AUB	5,900,879	05/04/1999	Berry et al.			
AUB	5,903,271	05/11/1999	Bardon et al.			
AUB	5,911,045	06/08/1999	Leyba et al.			

1c978 U.S. PTO
 09/874022
 06/09/01

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED 11/21/04
----------	--------------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>	ATTY DOCKET NO. 0112463-003	SERIAL NO.
	FILING	GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AUB	5,923,324	07/13/1999	Berry et al.			
AUB	5,926,179	07/20/1999	Matsuda et al.			
AUB	5,956,038	09/21/1999	Rekimoto			
AUB	5,973,697	10/26/1999	Berry et al.			
AUB	5,982,372	11/09/1999	Brush, II et al.			
AUB	5,999,208	12/07/1999	McNerney et al.			
AUB	6,012,072	01/04/2000	Lucas et al.			
AUB	6,014,145	01/11/2000	Bardon, et al.			
AUB	6,023,270	02/08/2000	Brush, II et al.			
AUB	6,025,839	02/15/2000	Schell et al.			
AUB	6,052,123	04/18/2000	Lecton et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

EXAMINER 	DATE CONSIDERED 11/21/04
--------------	------------------------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>	ATTY DOCKET NO. 0112463-003	SERIAL NO.
	FILING	GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AEB	6,057,856	05/02/2000	Miyashita et al.			
AUB	6,058,397	05/02/2000	Barrus et al.			
AUB	6,064,389	05/16/2000	Berry et al.			
AUB	6,081,270	06/27/2000	Berry et al.			
AUB	6,081,271	06/27/2000	Bardon et al.			
AUB	6,085,256	07/04/2000	Kitano et al.			
AUB	6,088,032	07/11/2000	Mackinlay			
AUB	6,094,196	07/25/2000	Berry et al.			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

EXAMINER	DATE CONSIDERED 11/21/04
----------	---------------------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.